

RECEIVED
CENTRAL FAX CENTER
MAY 01 2007

PTO/SB/08A (04-07)

Approved for use through 09/30/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/731,863
Filing Date	12/8/2003
First Named Inventor	LEE, Jar-Wha
Art Unit	1762
Examiner Name	Bareford, Katherine A.
Attorney Docket Number	030716.002

Sheet 1 of 1

[illegible][illegible]

Examiner Signature	/Katherine A. Bareford/	Date Considered	05/24/2007
-----------------------	-------------------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 909. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

Complete if Known

Application Number	10/731,863
Filing Date	12/8/2003
First Named Inventor	Jar-Wha Lee
Art Unit	1762
Examiner Name	Bareford
Attorney Docket Number	030716.002

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/KAB/	1	US- 3308042	3/7/1967	Lozano et al	all
/KAB/	2	US- 4008343	2/15/1977	Cohen et al	all
/KAB/	3	US- 4214961	7/29/1980	Anthony	all
/KAB/	4	US- 4395320	7/26/1983	Kasashima et al	all
/KAB/	5	US- 4609437	9/2/1986	Kruishoop et al	all
/KAB/	6	US- 4624751	11/25/1986	Morin et al	all
/KAB/	7	US- 4911797	3/27/1990	Hoebel	all
/KAB/	8	US- 4959129	9/25/1990	Fuchs et al	all
/KAB/	9	US- 5021258	6/4/1991	McGarry	all
/KAB/	10	US- 5302415	4/12/1994	Gabara et al	all
/KAB/	11	US- 5399382	3/21/1995	Burch et al	all
/KAB/	12	US- 5422142	6/6/1995	Hsu	all
/KAB/	13	US- 5453299	9/26/1995	Hsu	all
/KAB/	14	US- 5549972	8/27/1996	Hsu et al	all
/KAB/	15	US- 5935706	8/10/1999	Hoover et al	all
/KAB/	16	US- 6045680	4/4/2000	Cawston et al	all
/KAB/	17	US- 6099624	8/8/2000	Martyak	all
/KAB/	18	US- 6187378	2/13/2001	Doncsecz	all
/KAB/	19	US- 6228922	5/8/2001	Wang et al	all

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

/Katherine A. Bareford/

Date
Considered

05/24/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

2

Complete if Known

Application Number	10/731,863
Filing Date	12/8/2003
First Named Inventor	Jar-Wha Lee
Art Unit	1762
Examiner Name	Bareford
Attorney Docket Number	030716.002

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

/Katherine A. Bareford/

Date	Considered
11/1/78	11/1/78
11/2/78	11/2/78
11/3/78	11/3/78
11/4/78	11/4/78
11/5/78	11/5/78
11/6/78	11/6/78
11/7/78	11/7/78
11/8/78	11/8/78
11/9/78	11/9/78
11/10/78	11/10/78
11/11/78	11/11/78
11/12/78	11/12/78
11/13/78	11/13/78
11/14/78	11/14/78
11/15/78	11/15/78
11/16/78	11/16/78
11/17/78	11/17/78
11/18/78	11/18/78
11/19/78	11/19/78
11/20/78	11/20/78
11/21/78	11/21/78
11/22/78	11/22/78
11/23/78	11/23/78
11/24/78	11/24/78
11/25/78	11/25/78
11/26/78	11/26/78
11/27/78	11/27/78
11/28/78	11/28/78
11/29/78	11/29/78
11/30/78	11/30/78

05/24/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.